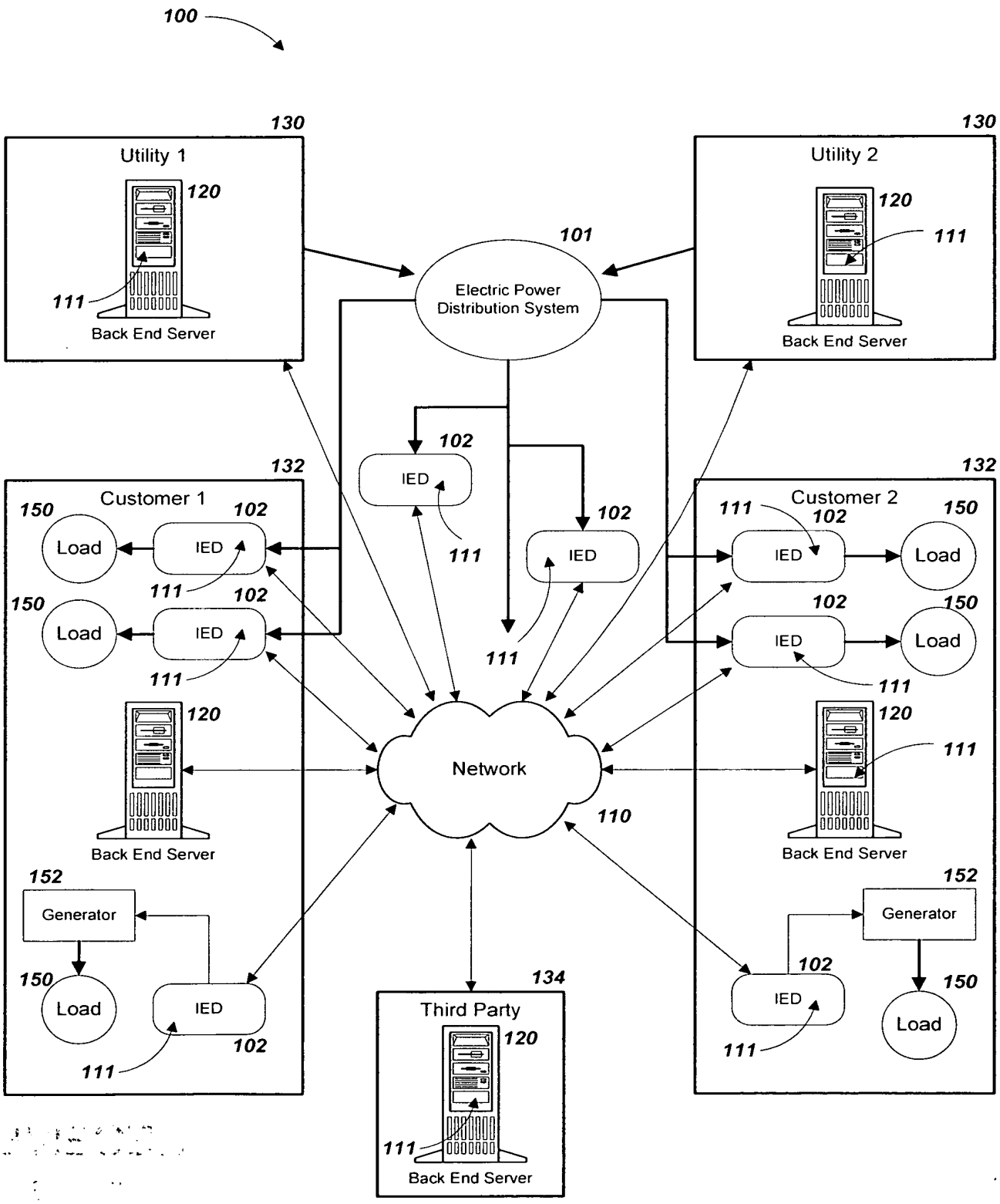
IN THE FIGURES:

Please delete Figures 1, 2a, 2b, 3a, 3b, 3c, 4a, 4b, 5a, 5b and 6-11 and add new figures 1, 2a, 2b, 3a, 3b, 3c, 4a, 4b, 5a, 5b and 6-11 attached hereto.

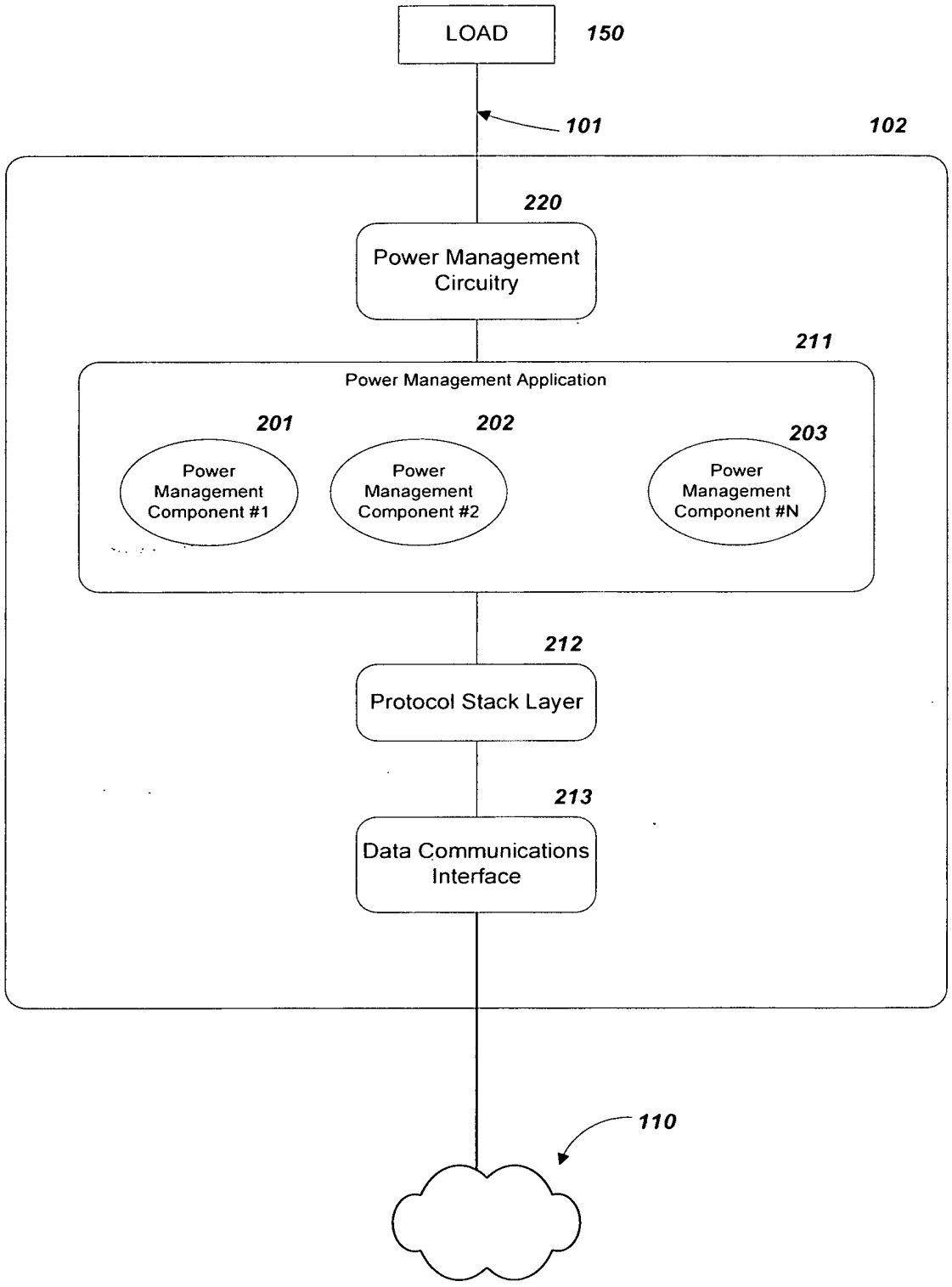
OIPE JC132
MAY 27 2004
PATENT & TRADEMARK OFFICE

FIG. 1 (1/15)



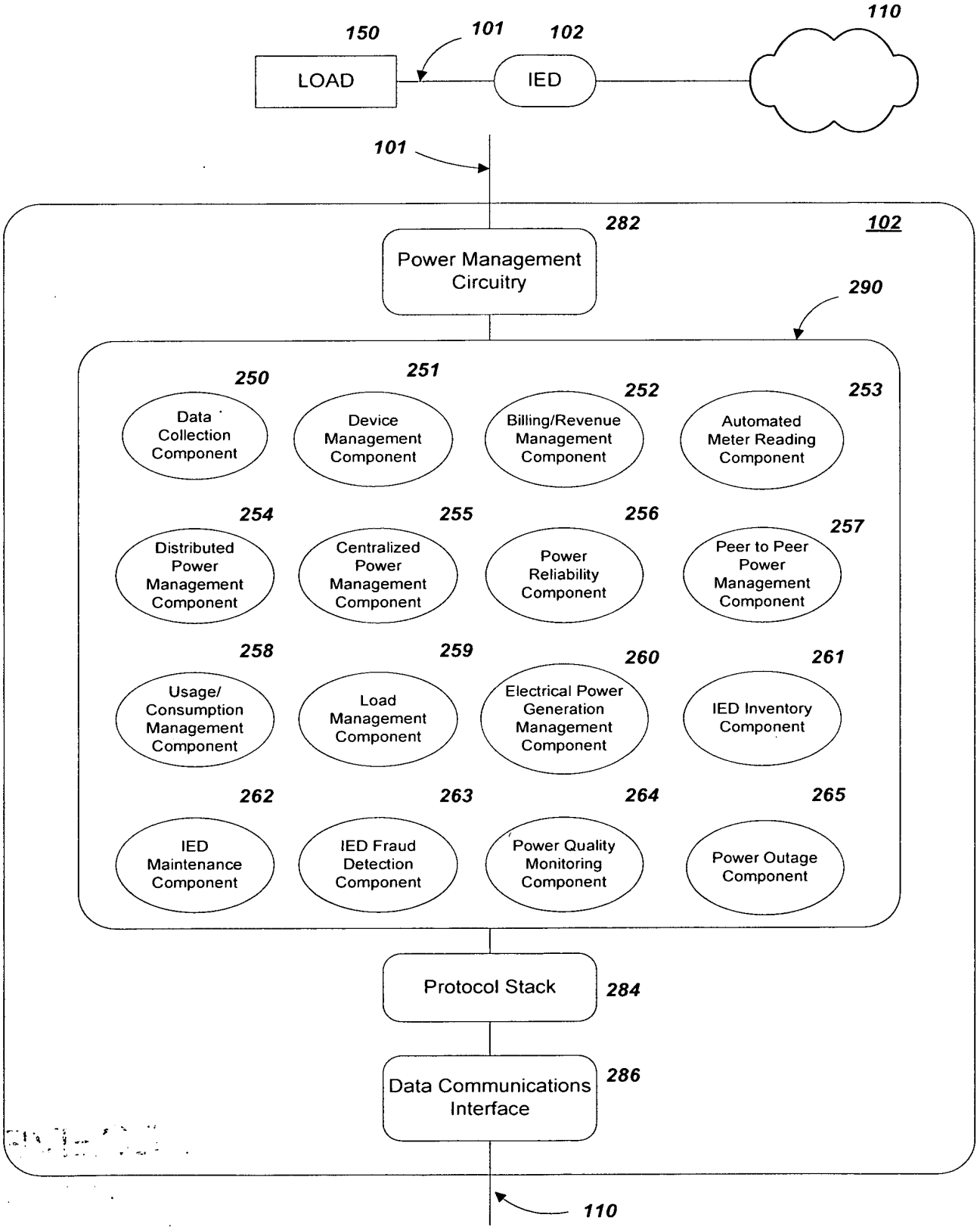
OIPE JC22
MAY 27 2004
PATENT & TRADEMARK OFFICE

FIG. 2A (2/15)



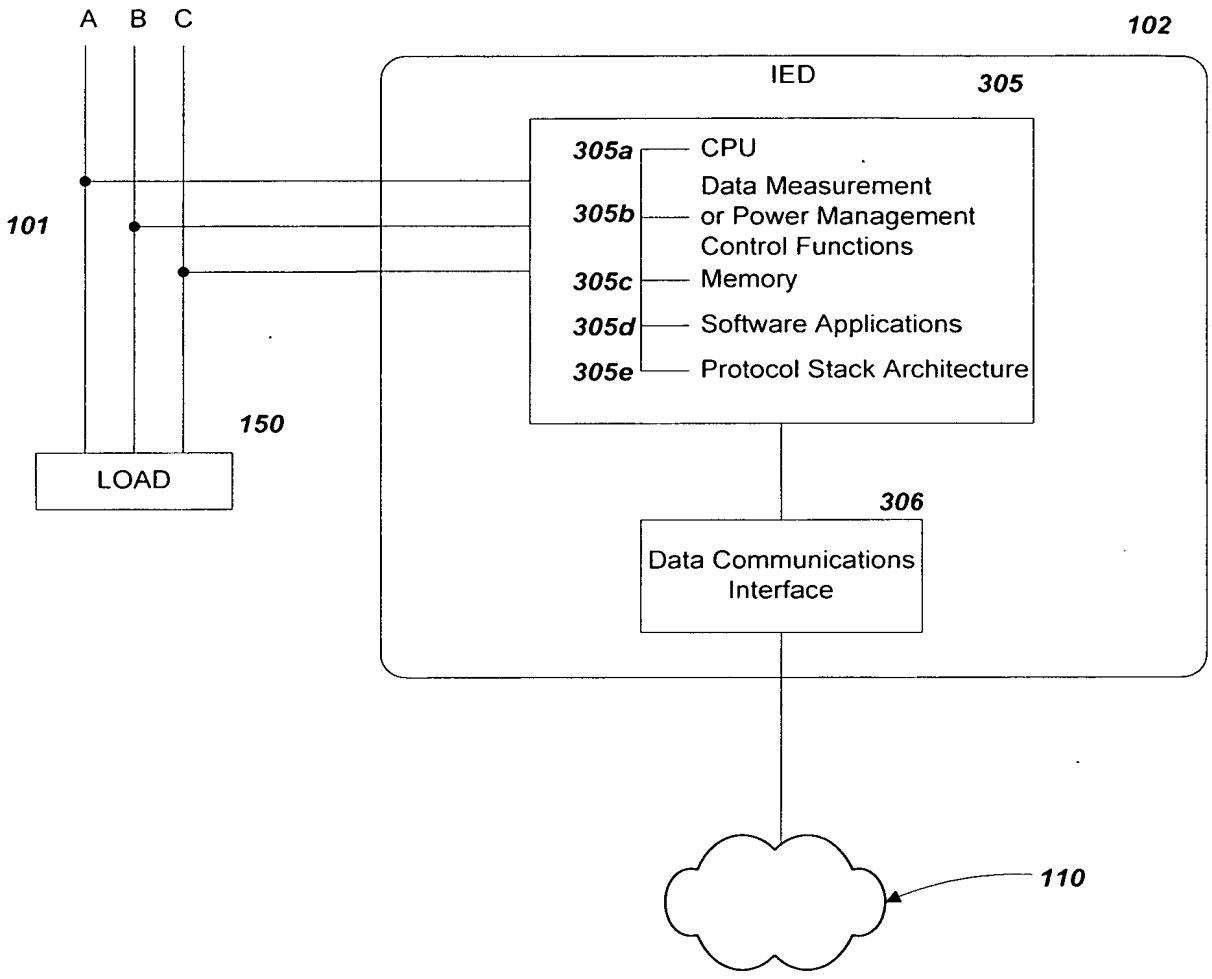
OIPE JC1325
MAY 27 2004
PATENT & TRADEMARK OFFICE

FIG. 2B (3/15)



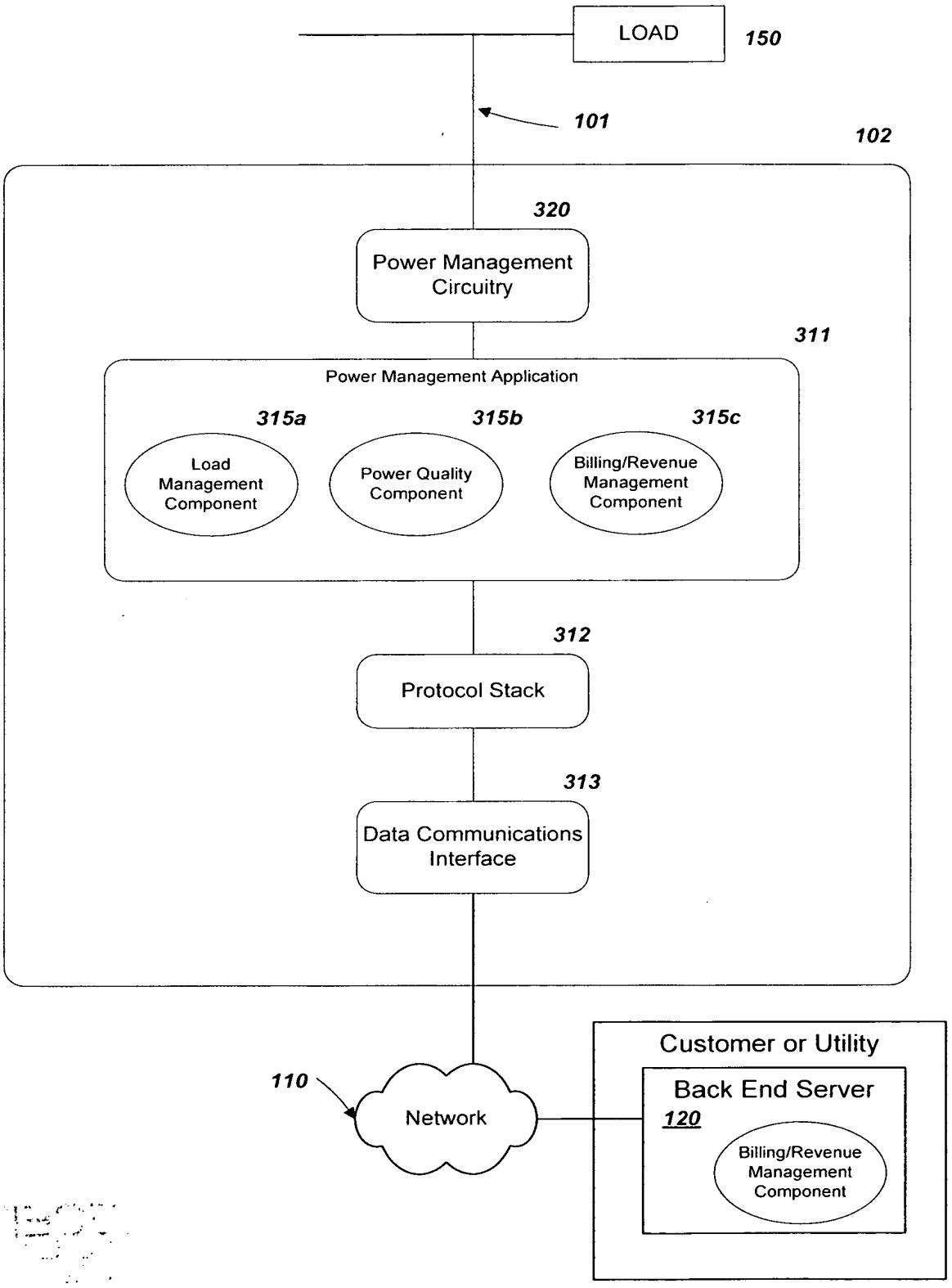
OIPE
MAY 27 2004
PATENT & TRADEMARK OFFICE

FIG. 3A (4/15)



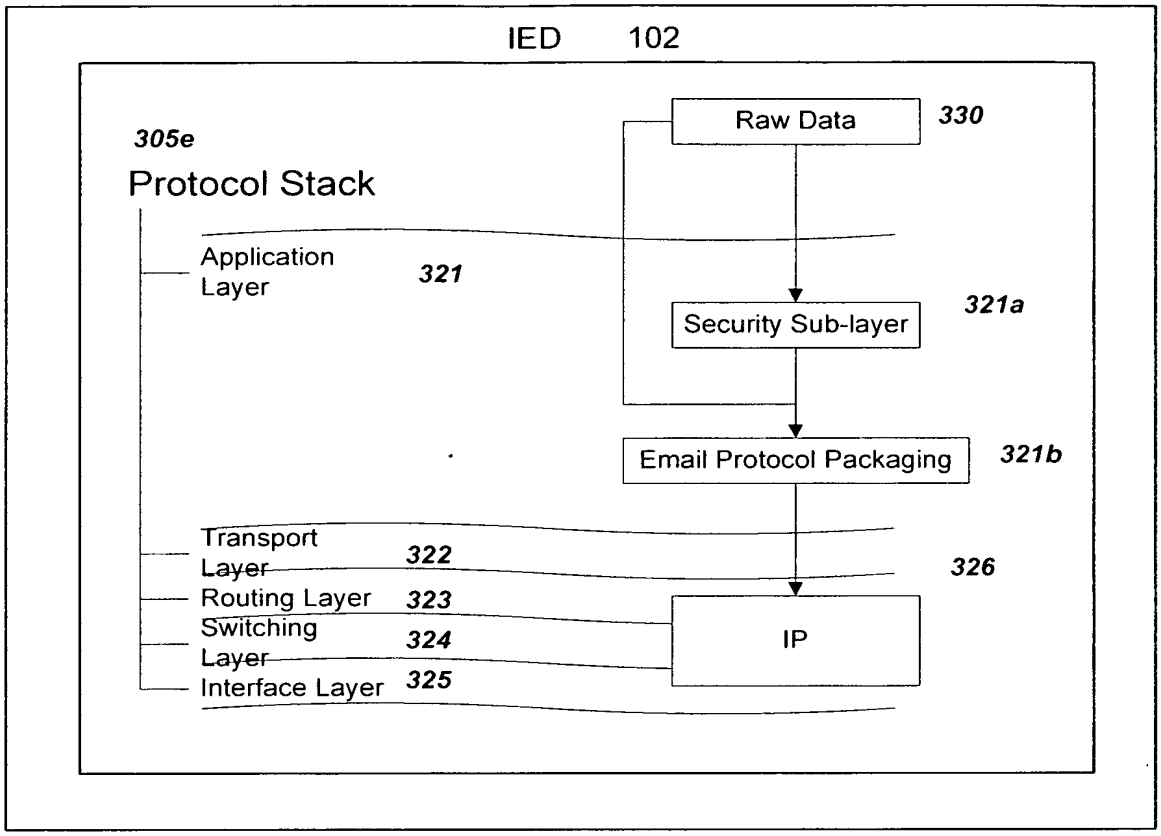
OIPE JC12
MAY 27 2004
PATENT & TRADEMARK OFFICE

FIG. 3B (5/15)



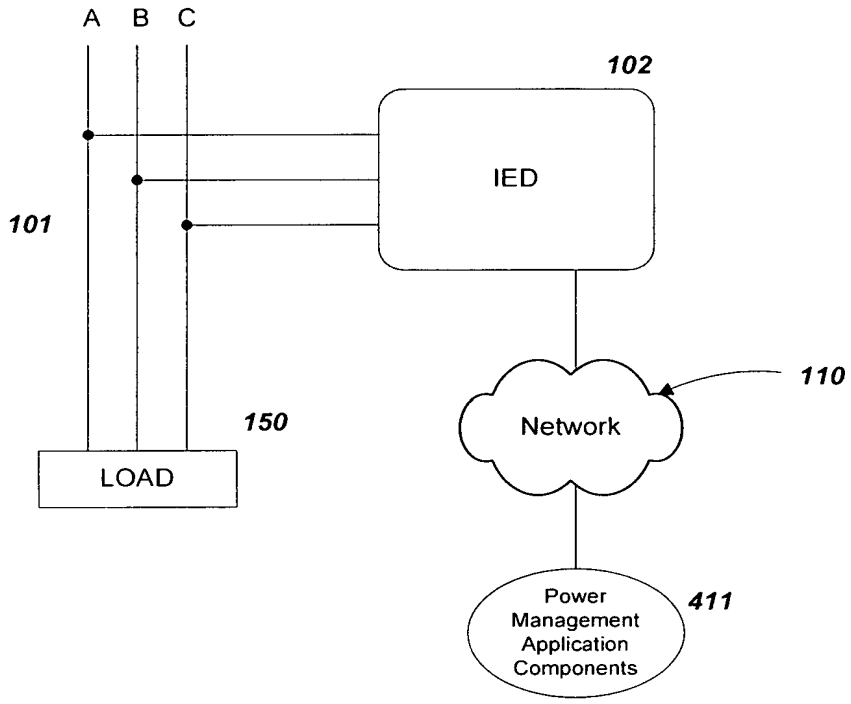
OIPE SC12
MAY 27 2004
PATENT & TRADEMARK OFFICE

FIG. 3C (6/15)



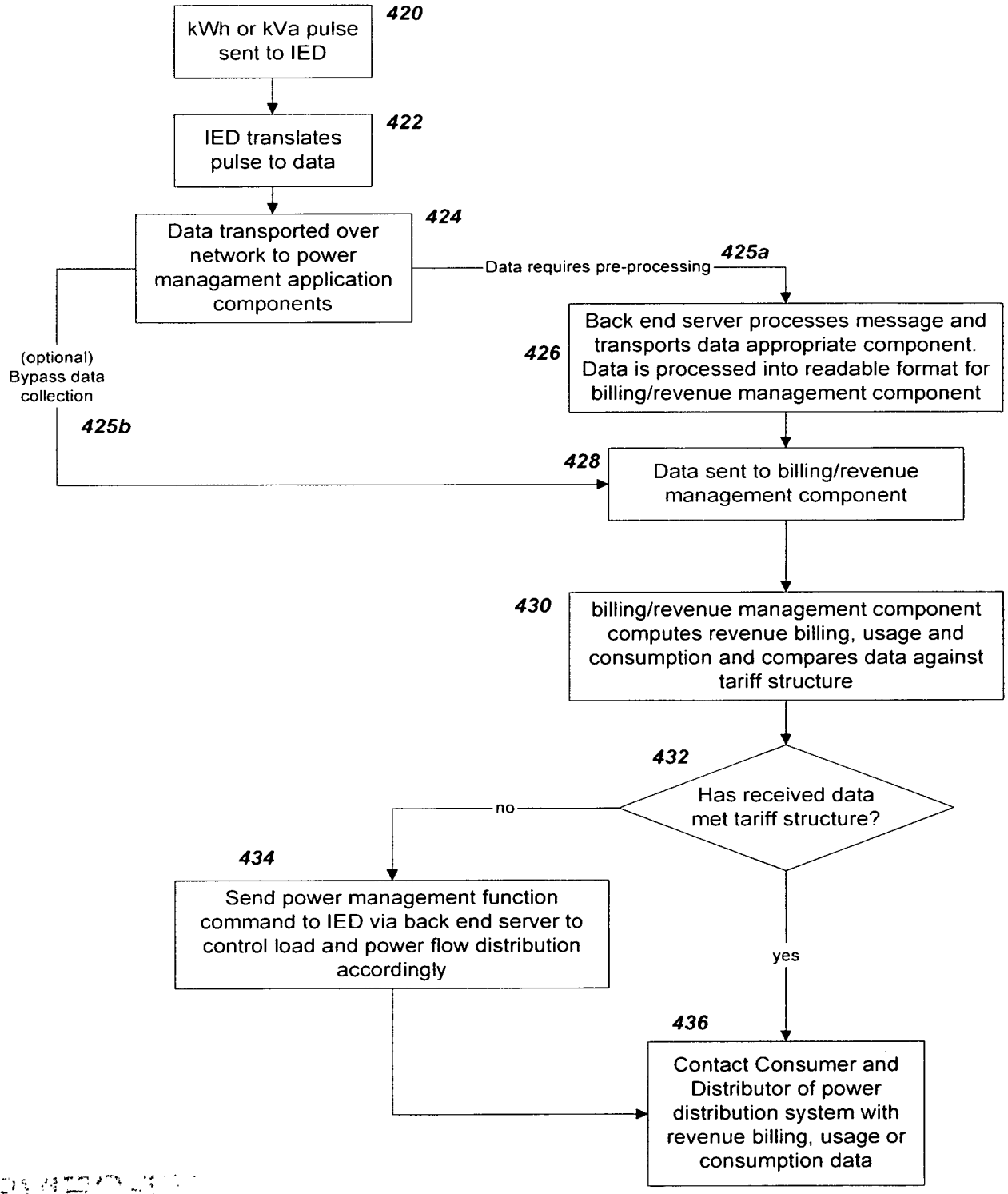
OIPE JC:132
MAY 27 2004
PATENT & TRADEMARK OFFICE

FIG. 4A (7/15)



OIPE JC132 MAY 27 2004 PATENT & TRADEMARK OFFICE

FIG. 4B (8/15)



OIPE JC132 MAY 27 2004 PATENT & TRADEMARK OFFICE

FIG. 5A (9/15)

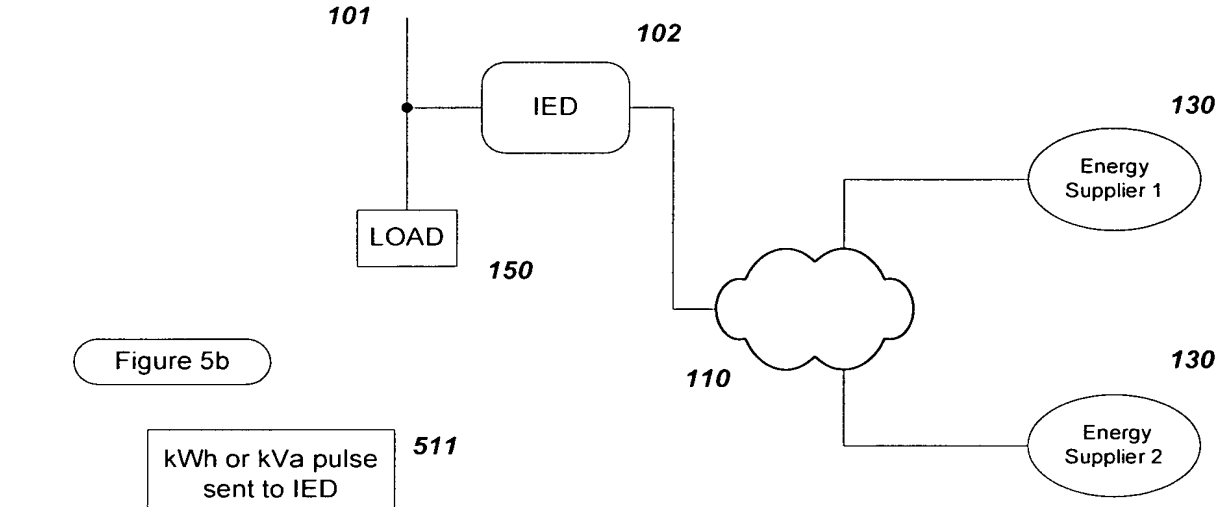
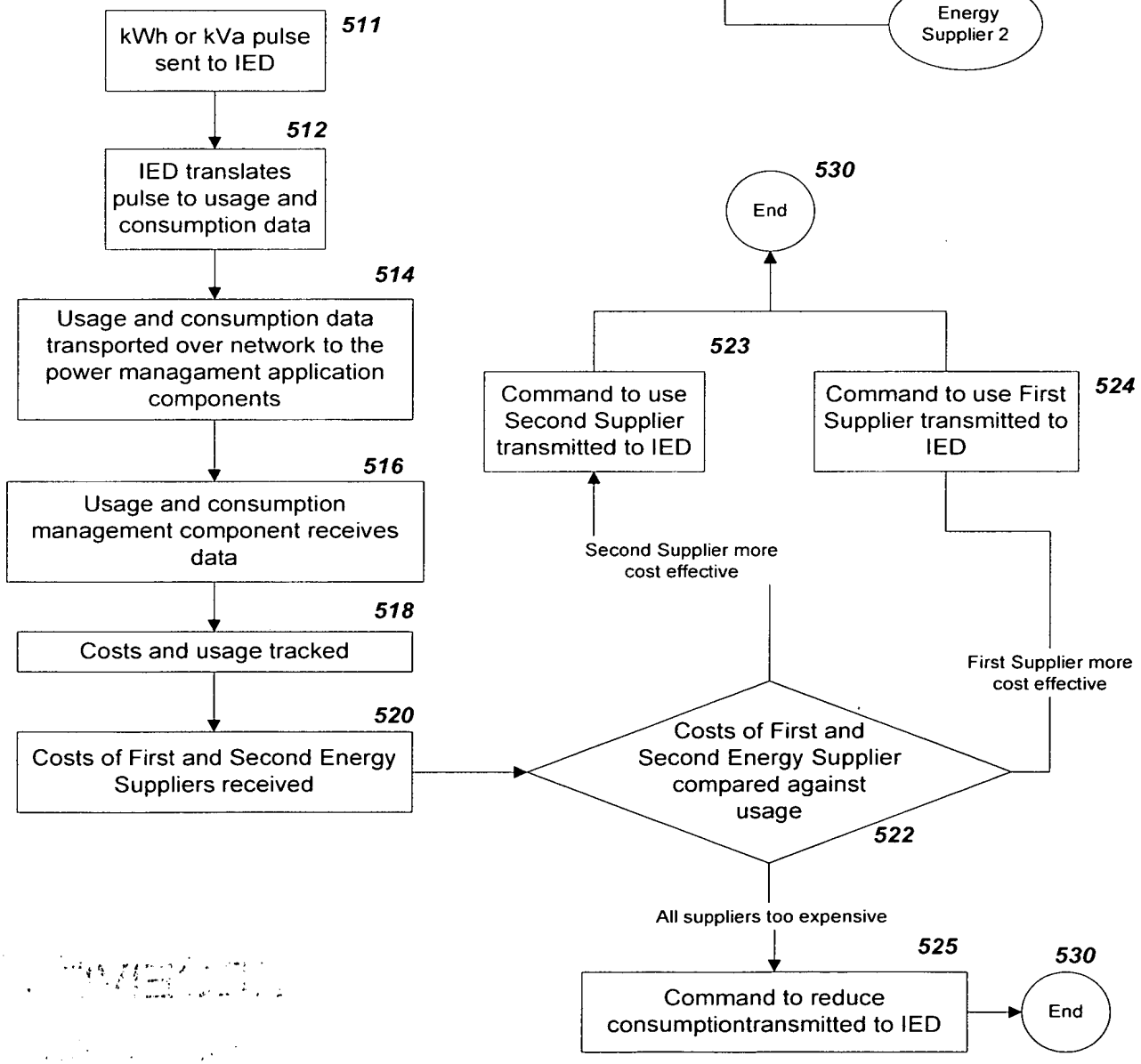
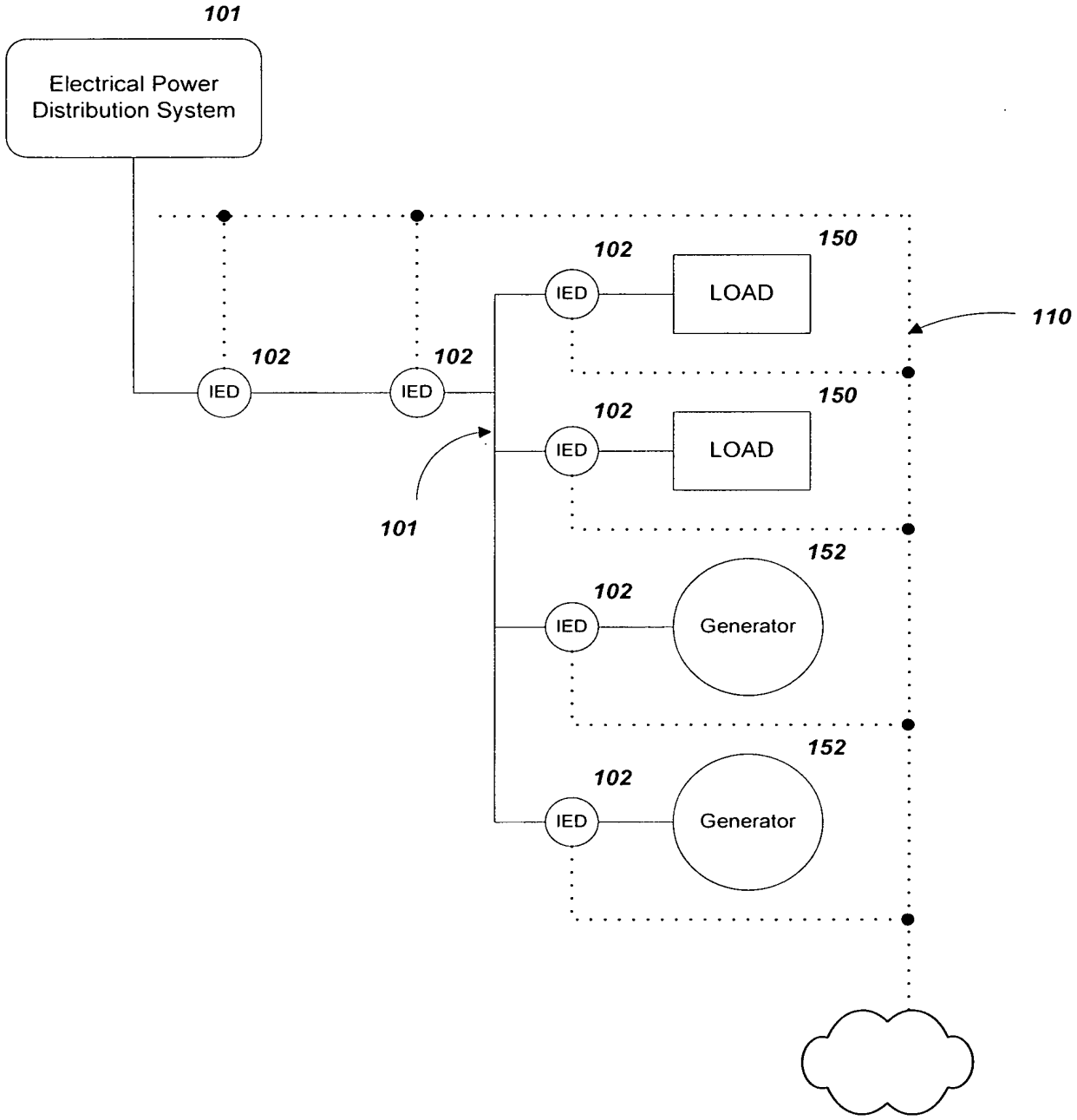


Figure 5b



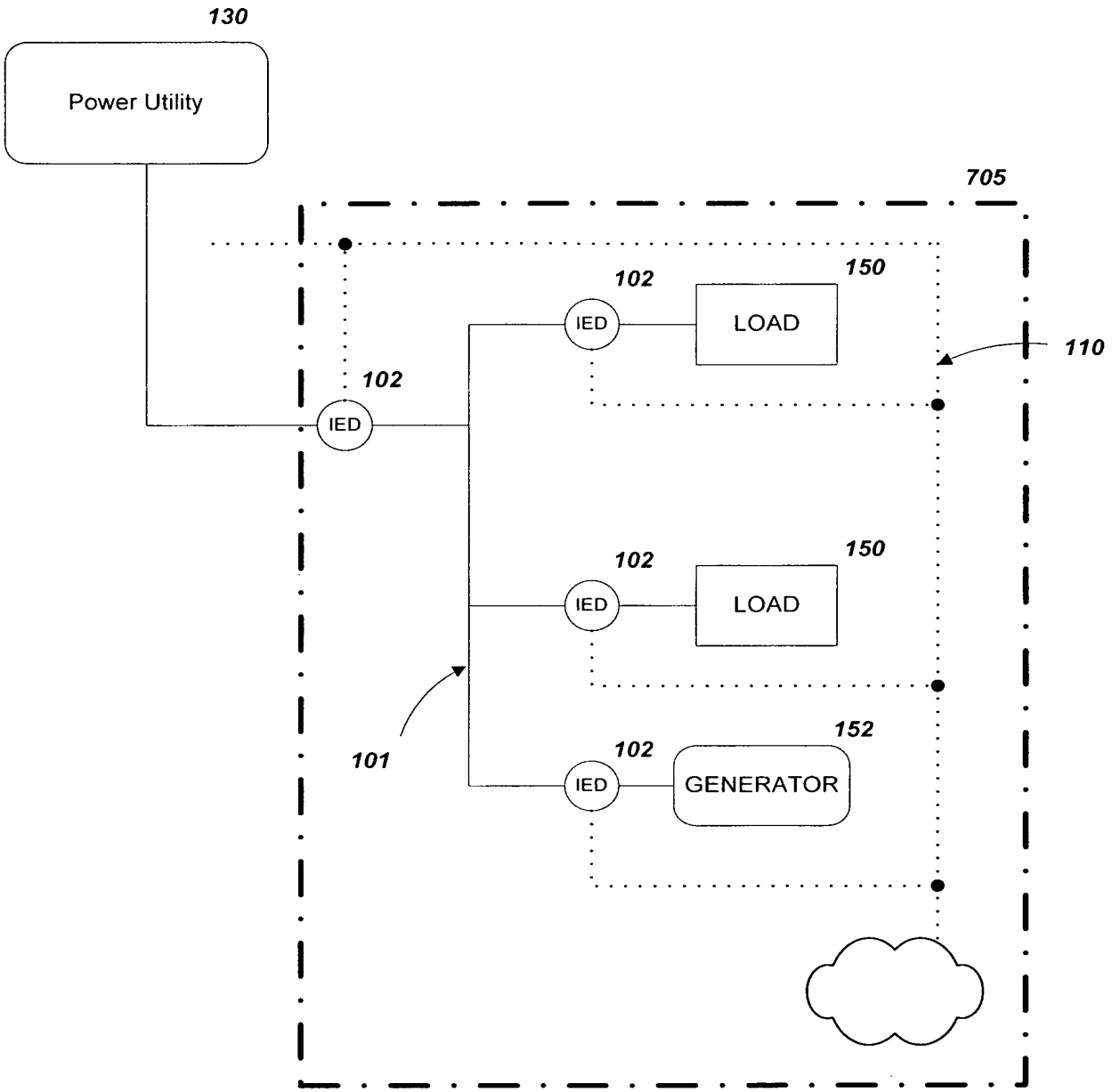
OIPE JC12
MAY 27 2004
PATENT & TRADEMARK OFFICE

FIG. 6 (10/15)



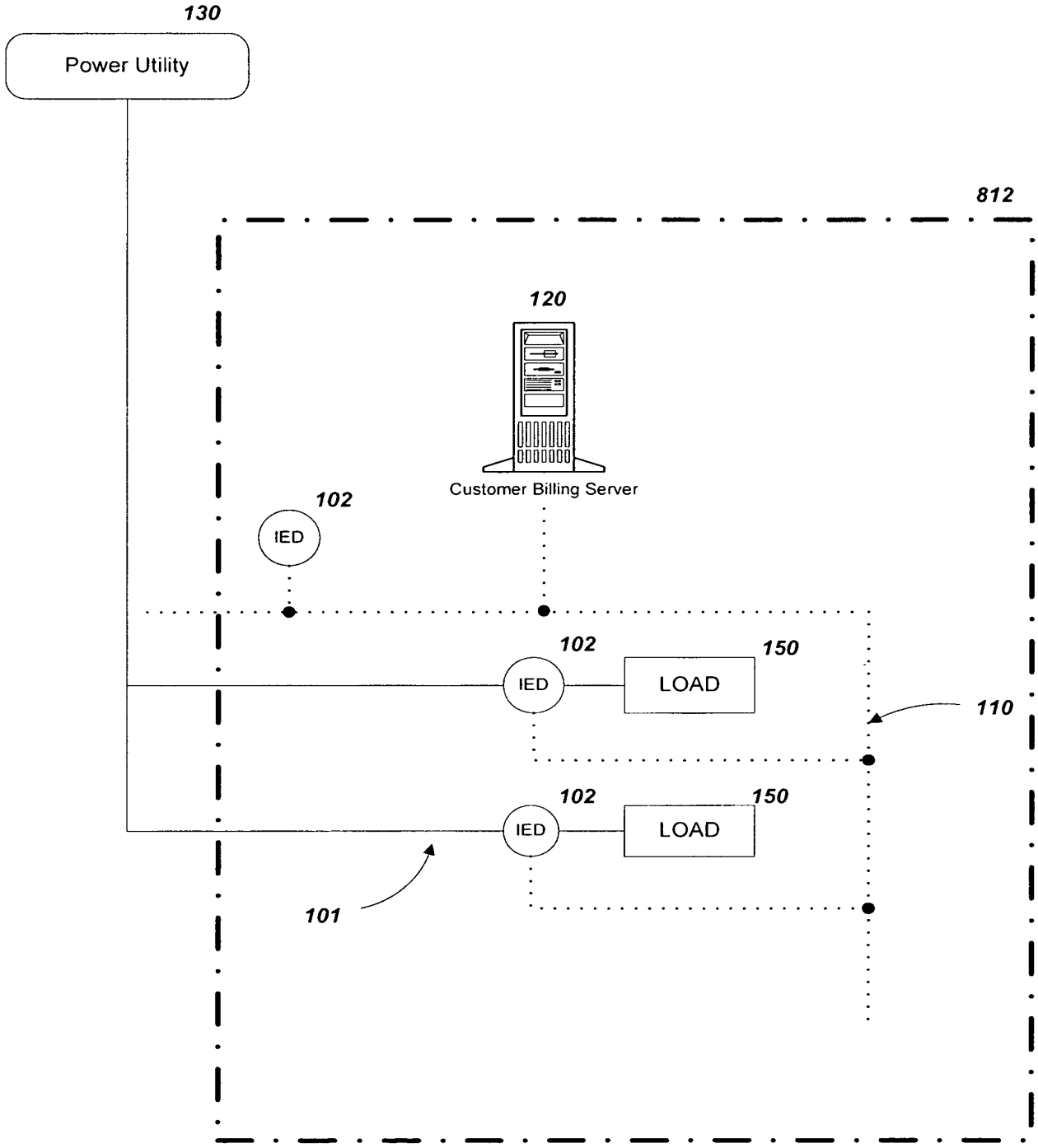
O I P E JC12
MAY 27 2004
PATENT & TRADEMARK OFFICE

FIG. 7 (11/15)



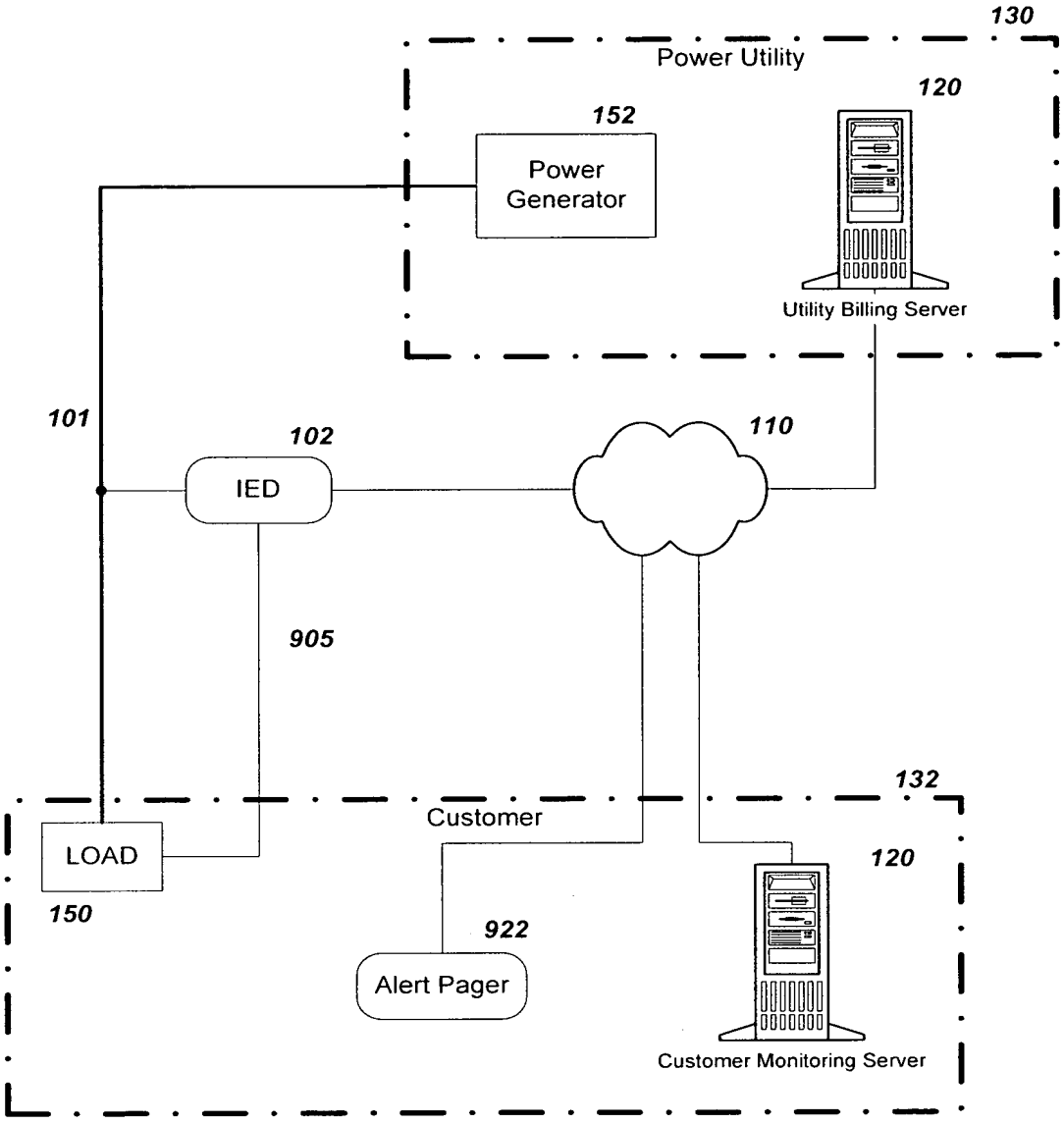
OIPE JC
MAY 27 2004
PATENT & TRADEMARK OFFICE

FIG. 8 (12/15)



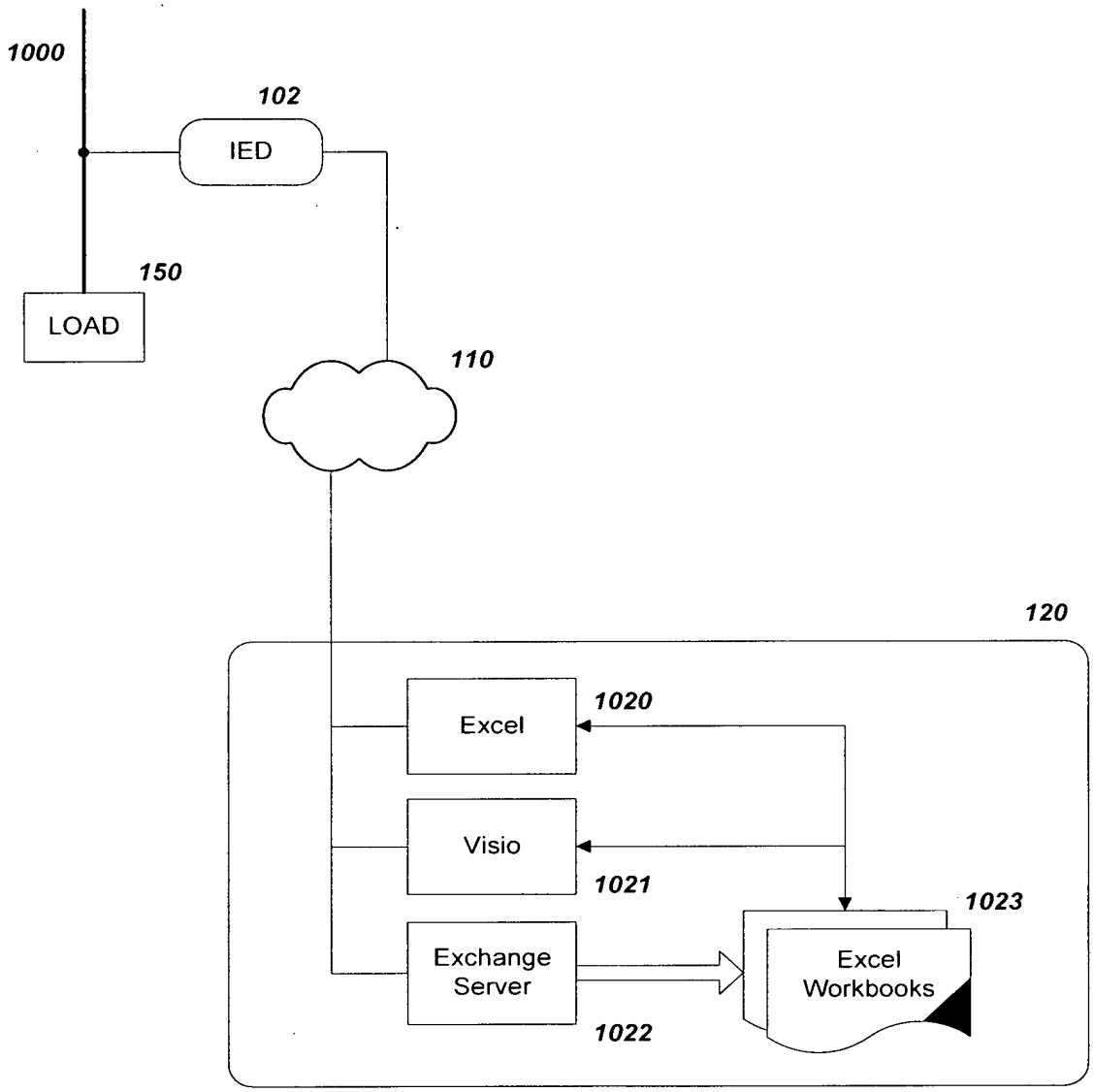
O I P E JC13
MAY 27 2004
PATENT & TRADEMARK OFFICE

FIG. 9 (13/15)



OIPE JC132 MAY 27 2004 PATENT & TRADEMARK OFFICE

FIG. 10 (14/15)



Patent Application for: INTRA-DEVICE COMMUNICATIONS ARCHITECTURE FOR MANAGING ELECTRICAL POWER DISTGRIBUTION AND CONSUMPTION
Inventor(s): Forth et al.
Attorney Docket No. 6270/48 and Serial No.09/723,564

FIG. 11 (15/15)

Site1.a8500 Default Diagram

LABEL	VALUE
I a	197.97
I b	207.52
I c	237.82
Vln c	479.28
Vln b	371.46
Vll ca	580.46
Vll ab	589.1
Vll bc	586.28
Vll avg	585.28
Vln avg	357.23
I avg	214.44
PF sign tot	-94
Freq	59
CL1 LocalTime	08:32.9

Sum of Currents: 643.31

Formula-based Setpoint: OVER 550 Volts

Change Update Rate	
Type in the number of seconds you would like between page updates and hit <RETURN>	10

Some features to implement:

Auto-detection: Excel could automatically add a worksheet (a "tab" below) when it detects a new device on the network

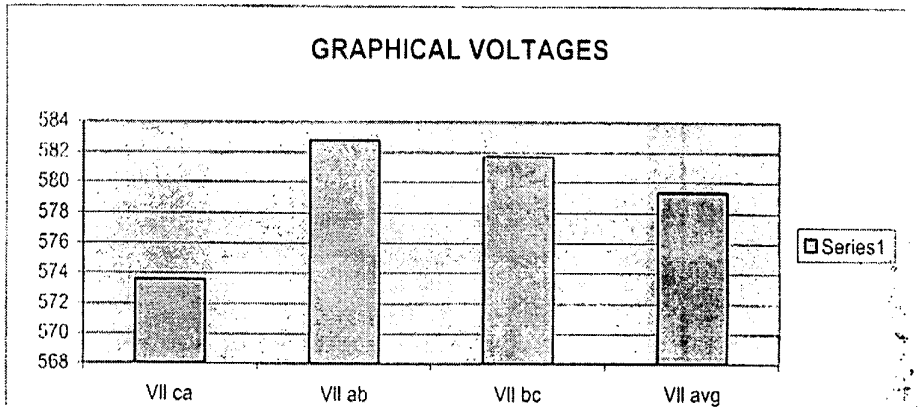
Complex Aggregation: Because it is Excel, you can do anything you want, easily

Logging: You could write simple scripts to log the values on the left to an Access DE

Animation: Charts, warnings, etc

Onboard logs could be displayed easily

Default diagrams: we just need to create an excel template for each device



OIPE JC:32 MAY 27 2004 TRADEMARK OFFICE PATENT & T